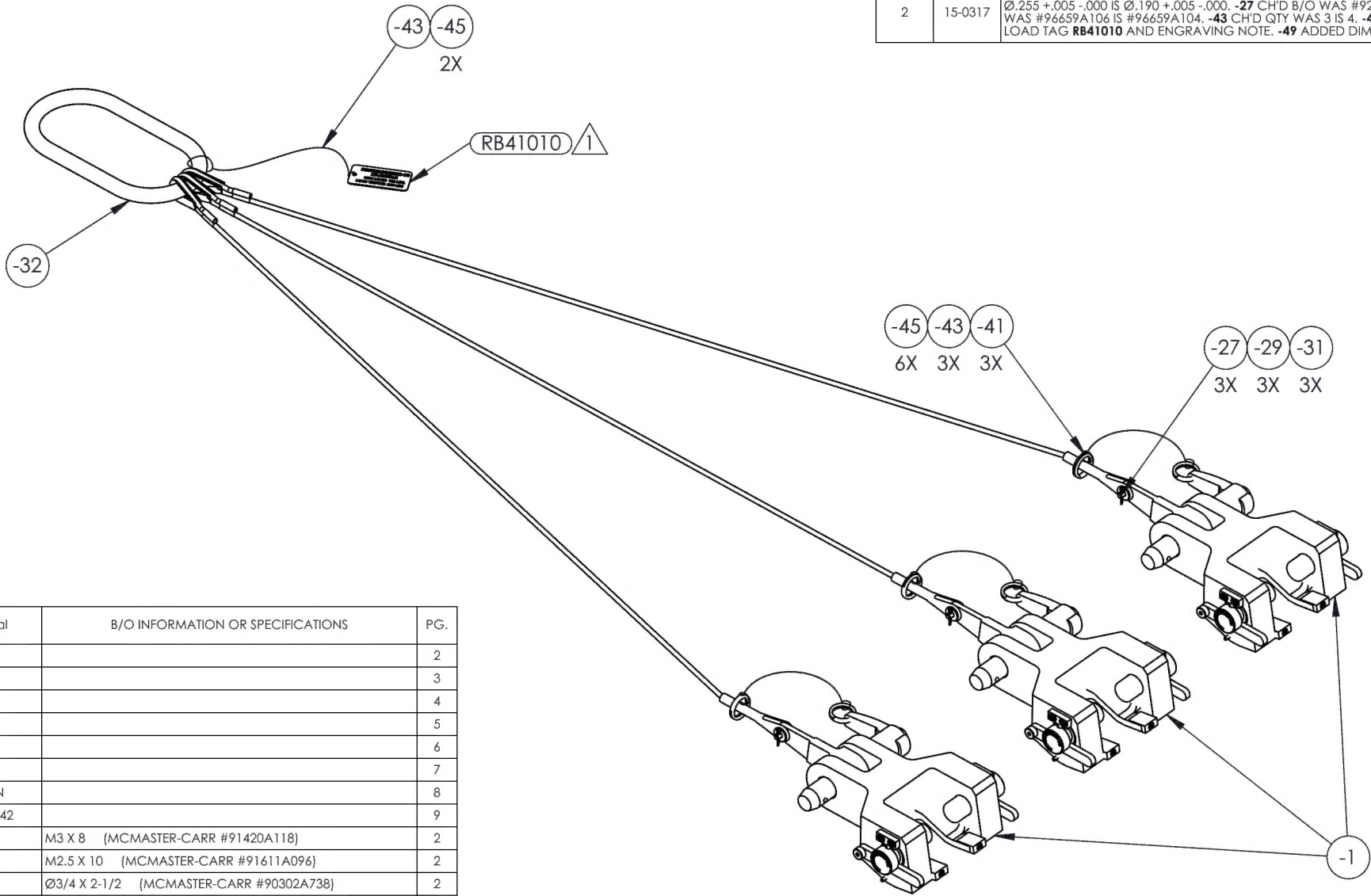


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		CH'D TITLE BLOCK WAS RED BARN IS DART. -3 CH'D DIM WAS 1.772 IS 1.772±.001. -9 ADDED MISSING DIM .217. -11 CH'D DIM WAS 2X Ø.154 THRU ALL √ Ø.295 X 90° IS 2X Ø.154 THRU ALL √ Ø.30 X 90°, ADDED MISSING DIM .217. -13 ADDED MISSING DIM .303. -15 CH'D DIM WAS 2X R.20 IS 2X R.19, ADDED HEAT TREAT 28-32 RC. -27 CH'D MAT'L WAS STEEL IS S.S., CH'D B/O INFO WAS #98306A156 IS #92390A156. -29 CH'D MAT'L WAS STEEL IS S.S., CH'D B/O INFO WAS #91083A029 IS #96659A106. -31 CH'D MAT'L WAS STEEL IS S.S., CH'D B/O INFO WAS #98338A100 IS #98401A409. -32 ADDED ASSY 8, DRAWING. -37 CH'D MAT'L WAS STEEL IS S.S., CH'D B/O INFO WAS REID SUPPLY #ACC-535 IS Ø1/2 MASTER LINK EUGENE EQUIPMENT. -41 CH'D MAT'L WAS STEEL IS S.S., CH'D B/O INFO WAS #90177A215 IS #90990A210. -53 CH'D PLACARD WAS RED BARN IS DART.	6/30/2014	DPD	GE
2	15-0317	UPDATED TO NEW DRAFTING STANDARDS. -5 CH'D DIM WAS 2X Ø.905 IS Ø.905. -15 CH'D DIM WAS Ø.255 +.005 -.000 IS Ø.190 +.005 -.000. -27 CH'D B/O WAS #92390A156 IS #92390A105. -29 CH'D B/O WAS #96659A106 IS #96659A104. -43 CH'D QTY WAS 3 IS 4. -45 CH'D QTY WAS 6 IS 8. ADDED MAX LOAD TAG RB41010 AND ENGRAVING NOTE. -49 ADDED DIMS 2X .25, 2X 2.00.	10/1/2015	DPD	JAG



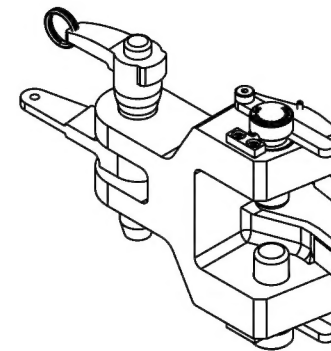
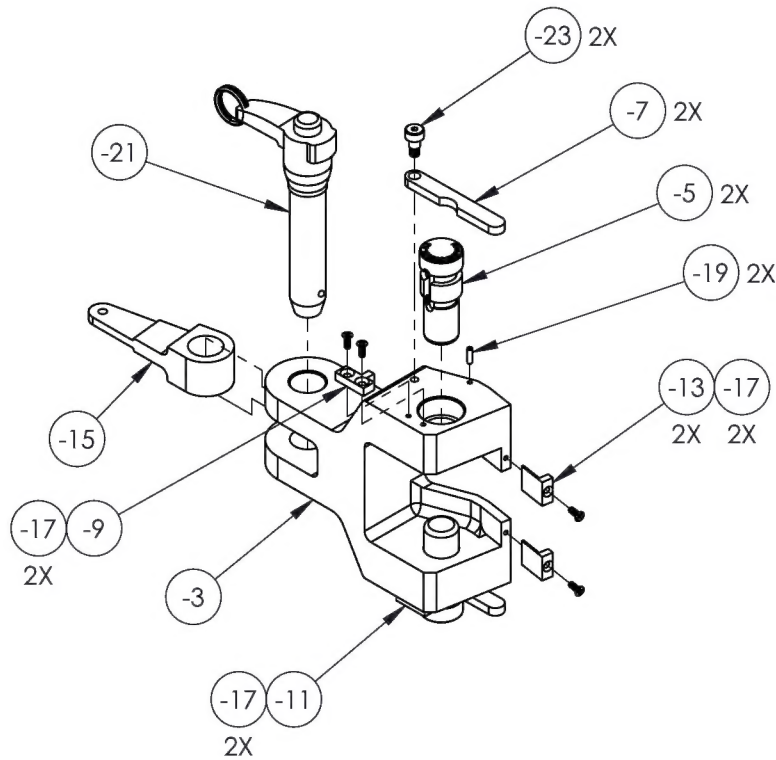
ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	3	LIFTING CLEVIS ASSY			2
	1		-3		LIFTING CLEVIS	6061		3
	2		-5		LOCK PIN	6061		4
	2		-7		SWING LATCH	6061		5
	1		-9		RH RETAINER KEY	6061		6
	1		-11		LH RETAINER KEY	6061		7
	2		-13		WEAR PAD	NYLON		8
	1		-15		CLEVIS LINK	4140/4142		9
	6	B/O	-17		SCREW	STEEL	M3 X 8 (MCMASTER-CARR #91420A118)	2
	2	B/O	-19		SPRING PIN	STEEL	M2.5 X 10 (MCMASTER-CARR #91611A096)	2
	1	B/O	-21		BALL LOCK PIN	S.S.	Ø3/4 X 2-1/2 (MCMASTER-CARR #90302A738)	2
	2	B/O	-23		SOCKET HEAD CAP SCREW	S.S.	M5 X 5 (MSC #01672484)	2
3		B/O	-25		CLEVIS FITTING	S.S.	Ø1/8 WIRE, Ø3/16 PIN HOLE (MCMASTER-CARR #3865T14)	10
		B/O	-27	3	CLEVIS PIN	S.S.	Ø3/16 X 5/8 (MCMASTER-CARR #92390A105)	1
		B/O	-29	3	WASHER	S.S.	#10 (MCMASTER-CARR #96659A104)	1
		B/O	-31	3	COTTER PIN	S.S.	Ø1/16 X 1/2 (MCMASTER-CARR #98401A409)	1
X			-32	1	CABLE ASSEMBLY	(EUGENE EQUIPMENT)		10
3		B/O	-33		WIRE ROPE	S.S.	7 x 19, Ø1/8 X 39 (MCMASTER-CARR #3453T52)	10
3		B/O	-35		CABLE THIMBLE	S.S.	(ESSENTA COMPONENTS #CBL-515)	10
1		B/O	-37		OBLONG MASTER LINK	S.S.	Ø1/2 MASTER LINK (EUGENE EQUIPMENT)	10
3		B/O	-39		SLEEVE	S.S.	Ø1/8 (MCMASTER-CARR #3755T15)	10
		B/O	-41	3	SPLIT RING	S.S.	Ø11/16 (MCMASTER-CARR #90990A210)	1
		B/O	-43	4	LANYARD WIRE	STEEL	Ø1/16 X 16 (CARR LANE #CL2C)	1
		B/O	-45	8	FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMASTER-CARR #3896T31)	1
		B/O	-47	1	BOTTOM TOOL CUSHION	Y-20, BLACK	5.80 X 11.26 X 20.12 (I.R. SPECIALTIES)	11
		B/O	-49	1	TOP TOOL CUSHION	C200 FLAT, BLACK	1.79 X 11.26 X 20.12 (I.R. SPECIALTIES)	12
		B/O	-51	1	CASE	PLASTIC	(PELICAN #APP-1510-E)	NS
		B/O		1	DART PLACARD	ALUMINUM	RB41011	NS
				1	MAX LOAD TAG	ALUMINUM	RB41010	1
ASSY -32	ASSY -1							

NOTE:
1 ENGRAVE T/N, S/N, "MAX LOAD: 125 LBS.",
"LOAD TESTED: 245 LBS.".

DART AEROSPACE			
TITLE SWASHPLATE LIFT SLING			
DWG NO. RBW6205G06032-3G			REV 2
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		DRAWN BY: GILBERT APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC USED ON MODEL AW139	
SCALE 1:5	DATE 11/10/2011	SHEET 1 OF 13	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

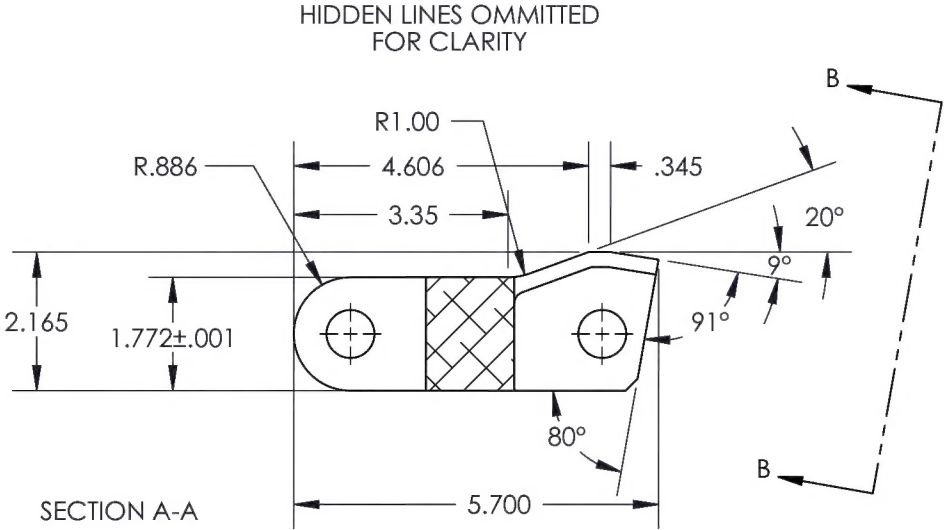
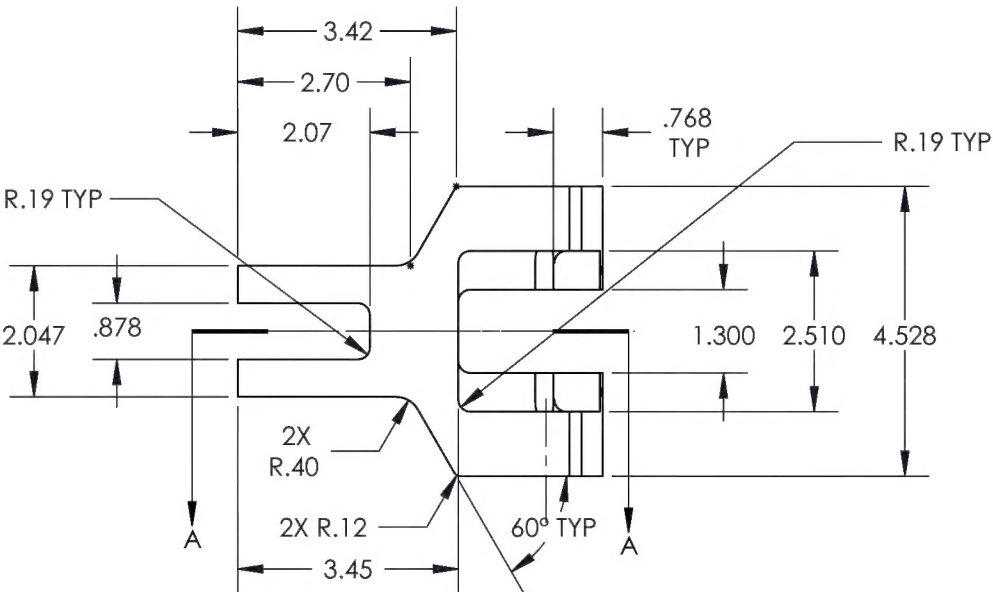
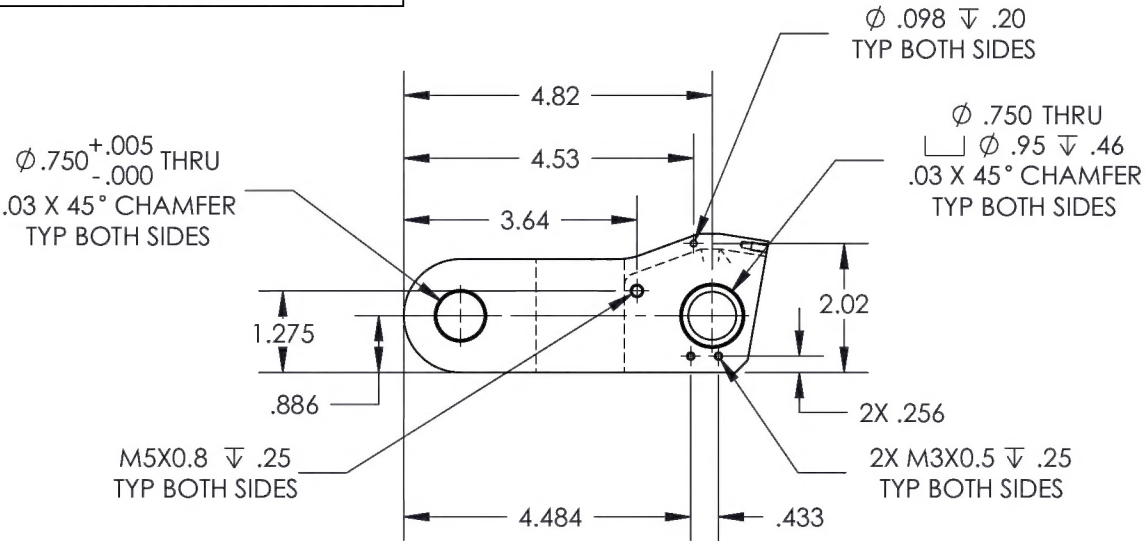
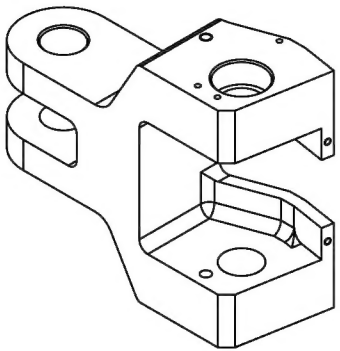


(-1)
LIFTING CLEVIS ASSY

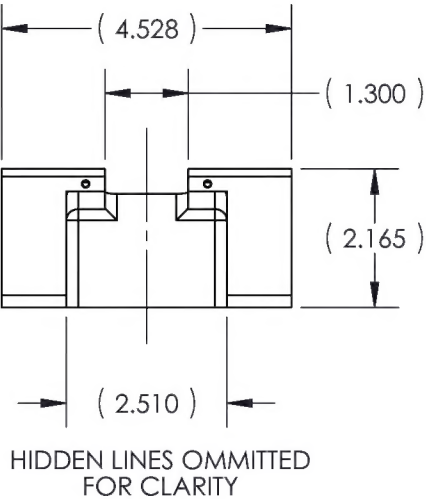
DART AEROSPACE	
TITLE SWASHPLATE LIFT SLING	
DWG NO. RBW6205G06032-1	REV 2
MAT'L	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT
.XX ± .01	TREAT
.X ± .1	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AW139
SCALE 1:4	DATE 11/10/2011
SHEET 2 OF 13	

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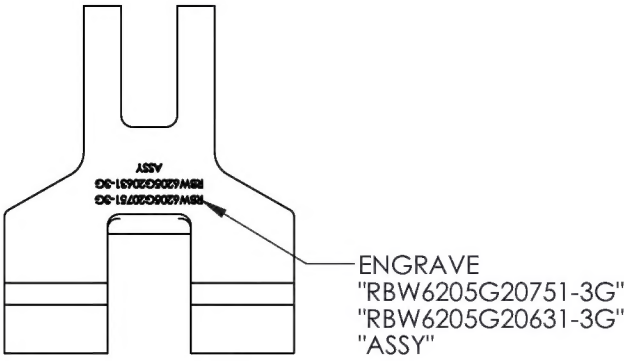
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-3 CH'D DIM WAS 1.772 IS 1.772 ±.001.	6/30/2014	DPD	GE



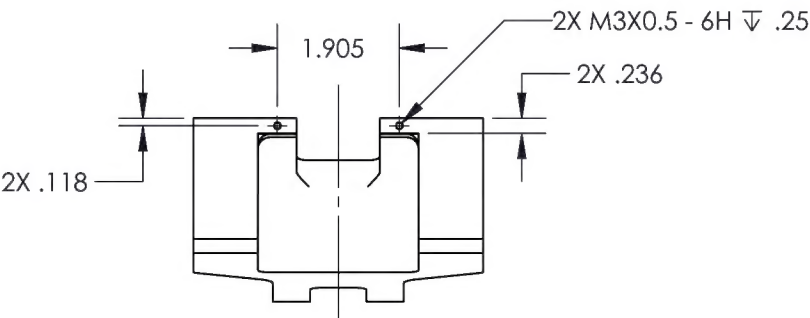
(-3)
LIFTING CLEVIS



HIDDEN LINES OMMITTED
FOR CLARITY



HIDDEN LINES OMMITTED
FOR CLARITY

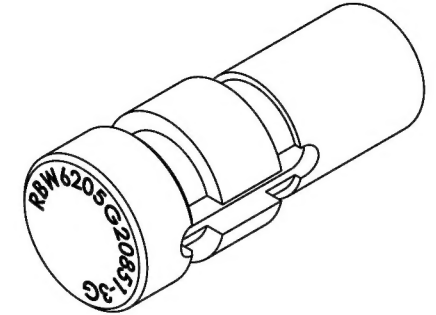


VIEW B-B
VIEW ROTATED 10°
& HIDDEN LINES OMITTED
FOR CLARITY

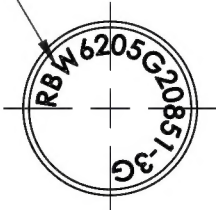
DART AEROSPACE				
TITLE SWASHPLATE LIFT SLING				
DWG NO. RBW6205G06032-3G-3				REV 2
MAT'L 6061		DRAWN BY: Sean E		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED D Weil		
.XXX ± .005		TREAT FINISH		
.XX ± .01		CLEAR ANODIZE		
.X ± .1		SPEC MIL-A-8625F TYPE II, CLASS I		
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		USED ON MODEL AW139		
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		SCALE 1:3		
DATE 11/12/2010		SHEET 3 OF 13		

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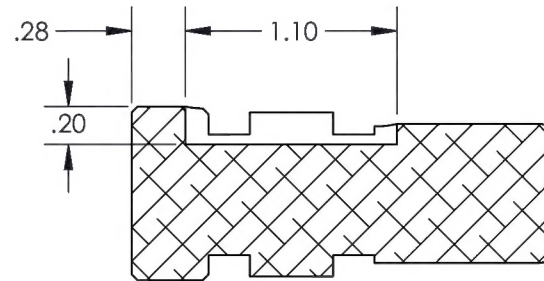
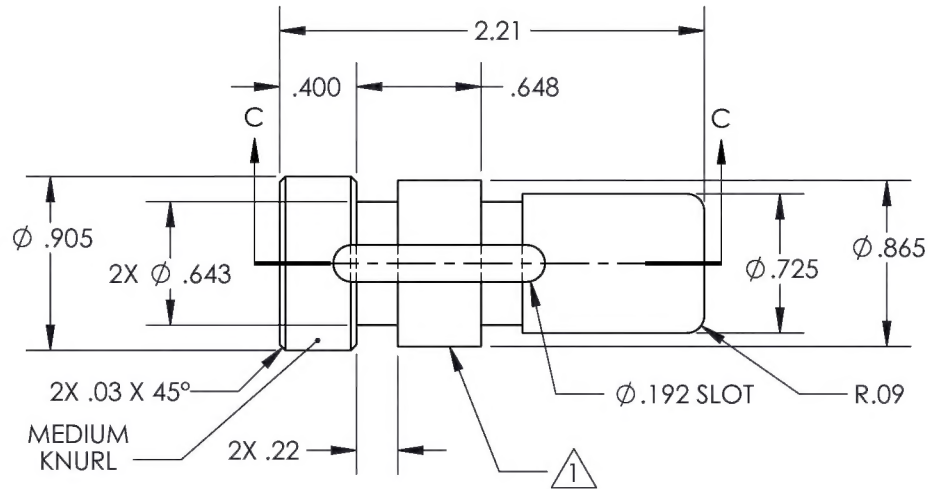
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	15-0317	-5 CH'D DIM WAS 2X Ø.905 IS Ø.905.	10/1/2015	DPD	JAG



ENGRAVE AS SHOWN



HIDDEN LINES OMITTED FOR CLARITY



SECTION C-C

NOTE:

1 AFTER ANODIZE, PAINT THIS Ø EPOXY RED.

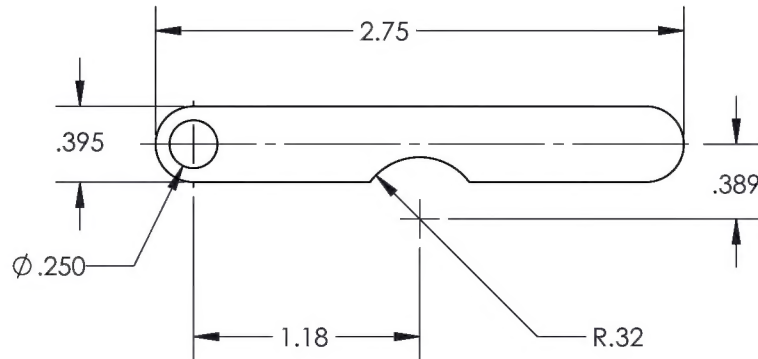
(-5)

LOCK PIN

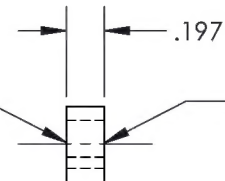
DART AEROSPACE	
TITLE SWASHPLATE LIFT SLING	
DWG NO. RBW6205G06032-3G-5	REV 2
MAT'L 6061	DRAWN BY: Sean E
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH CLEAR ANODIZE
.X ± .1	SPEC MIL-A-8625, TYPE II, CLASS I
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW139
SCALE 1:1	DATE 11/12/2010
SHEET 4 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



ENGRAVE FOR PART 1
SEE NOTE



ENGRAVE FOR PART 2
SEE NOTE

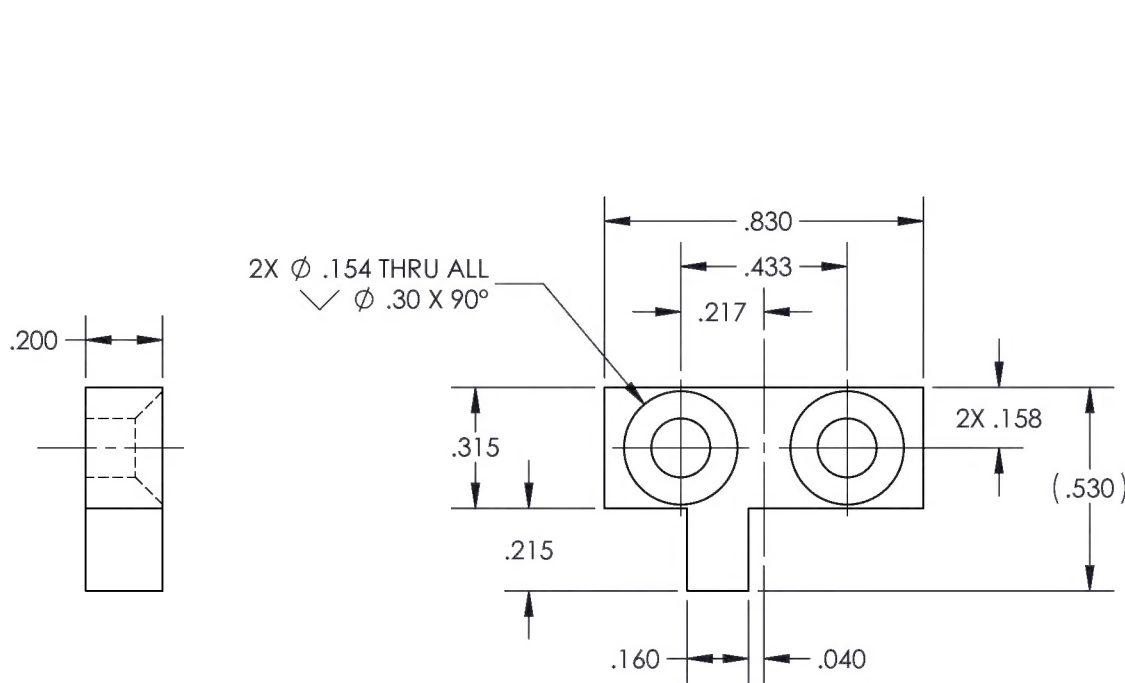
NOTE:
QTY 2 PARTS REQUIRED PER ASSY, ENGRAVE
RBW6205G21251-3G AS SHOWN

(-7)
SWING LATCH

DART AEROSPACE	
TITLE SWASHPLATE LIFT SLING	
DWG NO. RBW6205G06032-3G-7	REV 2
MAT'L 6061	DRAWN BY: Sean E
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH CLEAR ANODIZE
.X ± .1	SPEC MIL-A-8625, TYPE II, CLASS I
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW139
SCALE 1:1	DATE 11/15/2010 SHEET 5 OF 13

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-9 ADDED MISSING DIM .217.	6/30/2014	DPD	GE

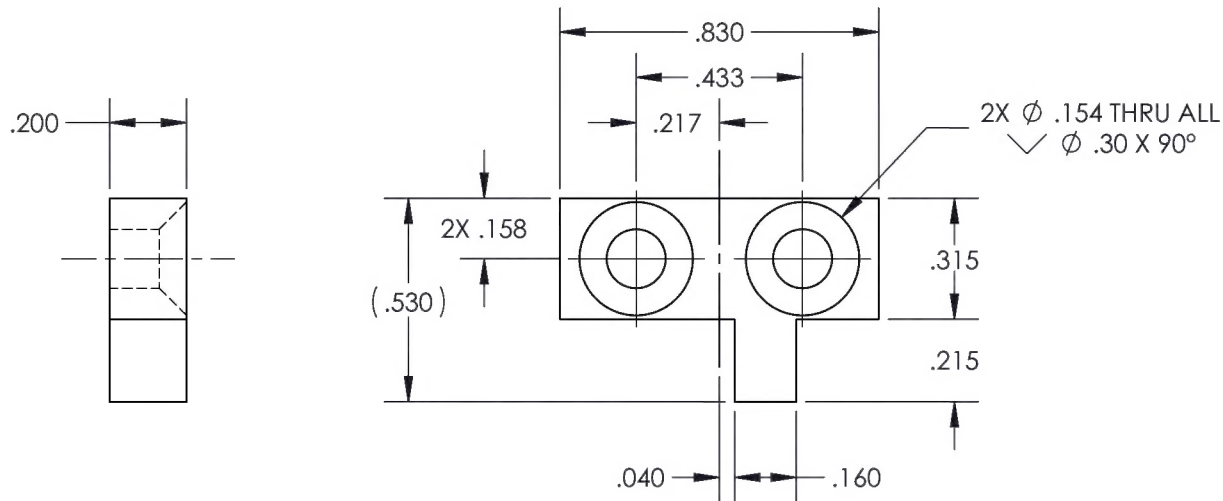
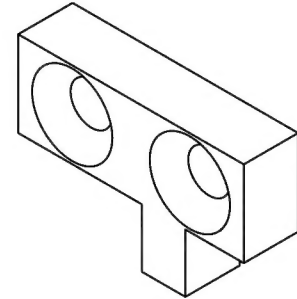


(-9)
RH RETAINER KEY

DART AEROSPACE	
TITLE SWASHPLATE LIFTING SLING	
DWG NO. RBW6205G06032-3G-9	REV 2
MAT'L 6061	DRAWN BY: Sean E
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH CLEAR ANODIZE
.X ± .1	SPEC MIL-A-8625, TYPE II, CLASS I
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW139
SCALE 2:1	DATE 11/15/2010
SHEET 6 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-11 CH'D DIM WAS 2X Ø.154 THRU ALL \checkmark Ø.295 X 90° IS 2X Ø.154 THRU ALL \checkmark Ø.30 X 90°, ADDED MISSING DIM .217.	6/30/2014	DPD	GE

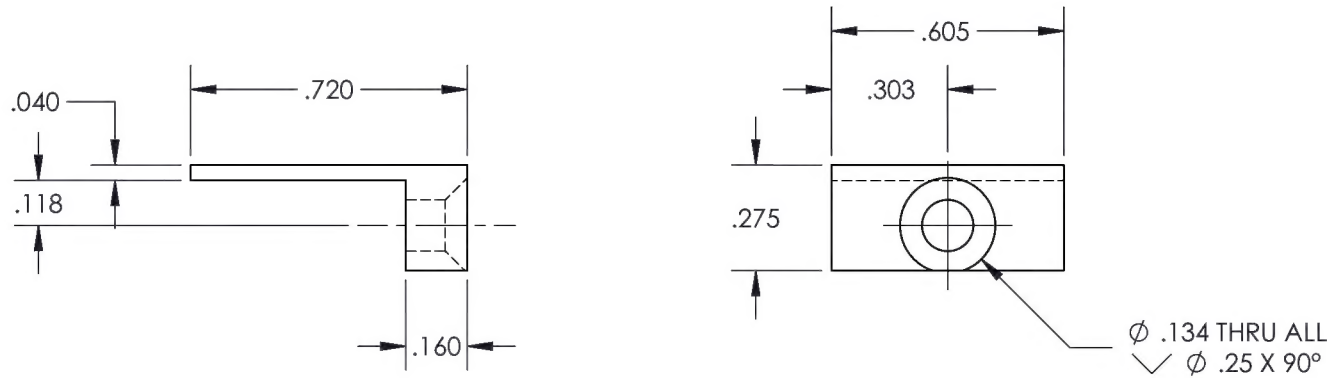
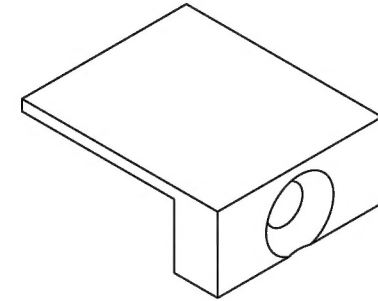


(-11)
LH RETAINER KEY

DART AEROSPACE	
TITLE SWASHPLATE LIFT SLING	
DWG NO. RBW6205G06032-3G-11	REV 2
MAT'L 6061	DRAWN BY: Sean E
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH CLEAR ANODIZE
.X ± .1	SPEC MIL-A-8625, TYPE II, CLASS I
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW139
SCALE 2:1	DATE 11/15/2010
SHEET 7 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-13 ADDED MISSING DIM .303.	6/30/2014	DPD	GE

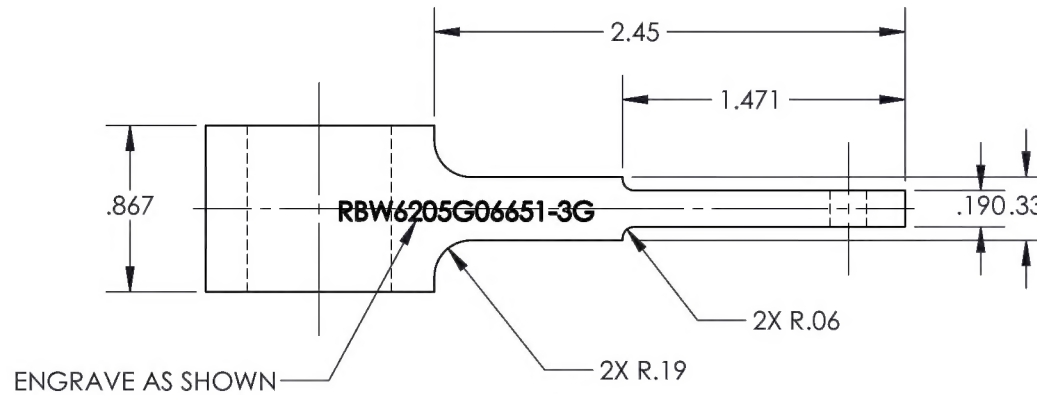
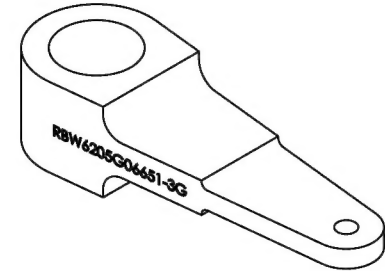
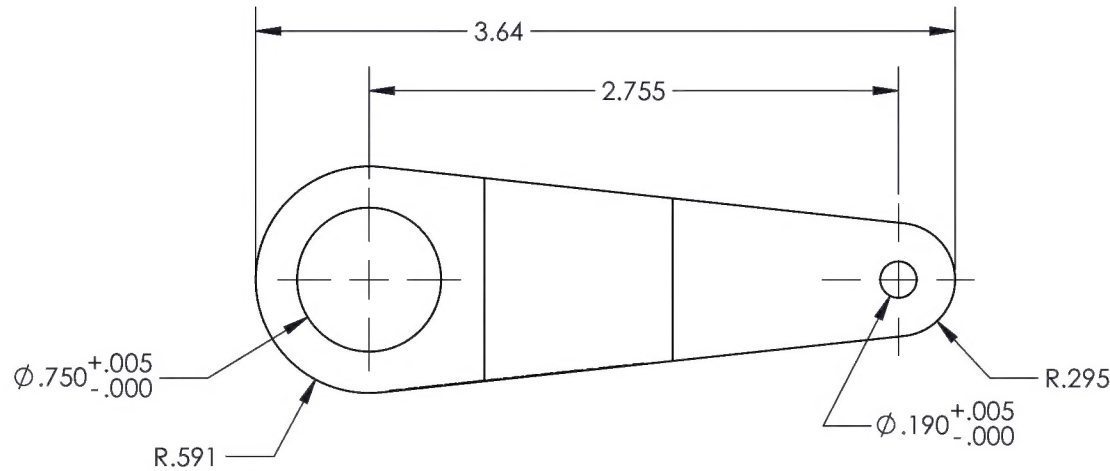


(-13)
WEAR PAD

DART AEROSPACE	
TITLE SWASHPLATE LIFT SLING	
DWG NO. RBW6205G06032-3G-13	REV 2
MAT'L NYLON	DRAWN BY: Sean E
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX \pm .005	HEAT
.XX \pm .01	TREAT
.X \pm .1	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	AW139
SCALE 2:1	DATE 11/15/2010
	SHEET 8 OF 13

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-15 CH'D DIM WAS 2X R.20 IS 2X R.19, ADDED HEAT TREAT 28-32 RC.	6/30/2014	DPD	GE
2	15-0317	-15 CH'D DIM WAS $\varnothing.255 +.005 -.000$ IS $\varnothing.190 +.005 -.000$.	10/5/2015	DPD	JAG

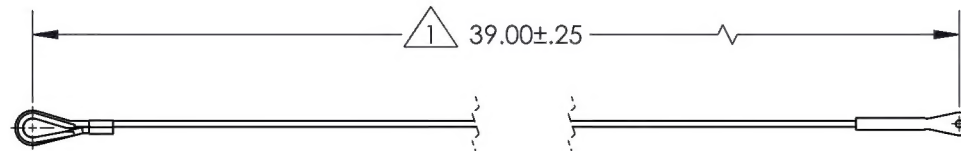
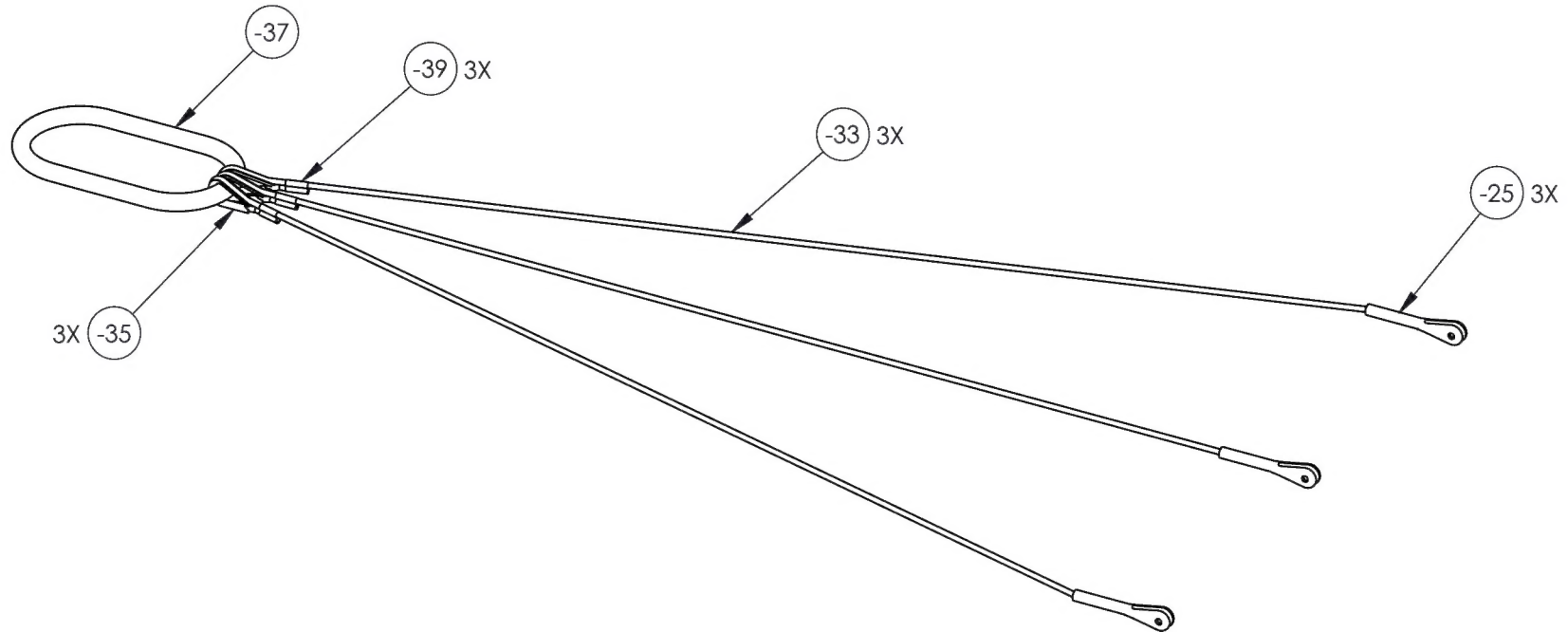


(-15)
CLEVIS LINK

DART AEROSPACE	
TITLE SWASHPLATE LIFTING SLING	
DWG NO. RBW6205G06032-3G-15	REV 2
MAT'L 4140/4142	DRAWN BY: Sean E
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>P. Weil</i>
.XXX $\pm .005$	HEAT TREAT 28-32 RC
.XX $\pm .01$	FINISH NICKEL PLATE
.X $\pm .1$	SPEC MIL-P-6859
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW139
SCALE 1:1	DATE 11/15/2010
SHEET 9 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-32 ADDED ASSY & DRAWING.	6/30/2014	DPD	GE



NOTE:

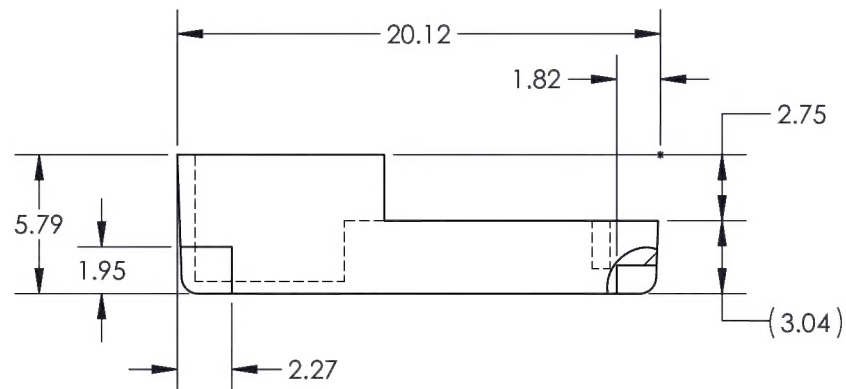
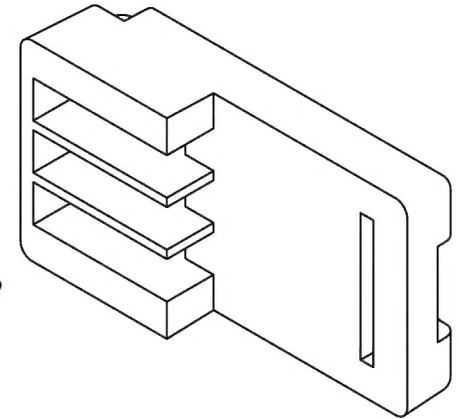
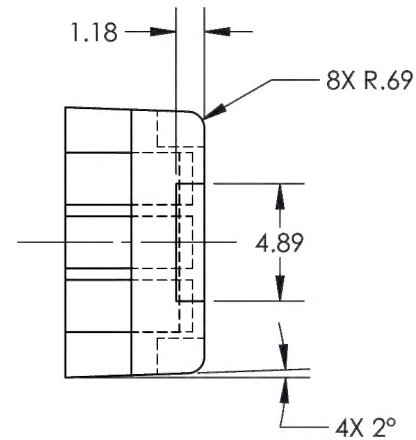
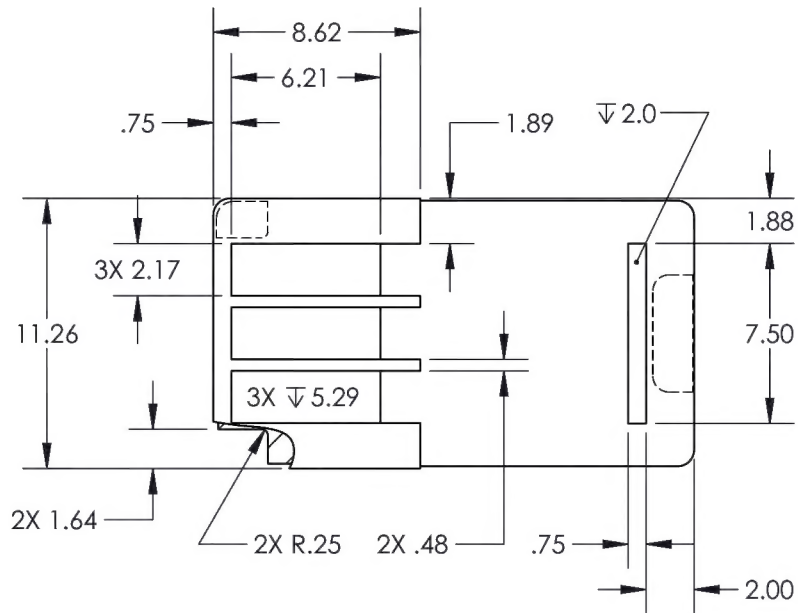
1 ASSEMBLED CABLE LENGTH OF 39.0 in CENTER OF CLEVIS PIN TO CENTER OF CABLE THIMBLE.

-32
CABLE ASSEMBLY

DART AEROSPACE	
TITLE SWASHPLATE LIFT SLING	
DWG NO. RBW6205G06032-3G-32	REV 2
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1	DRAWN BY: DUERFELDT APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AW139
SCALE 1:5	DATE 6/27/2014
SHEET 10 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



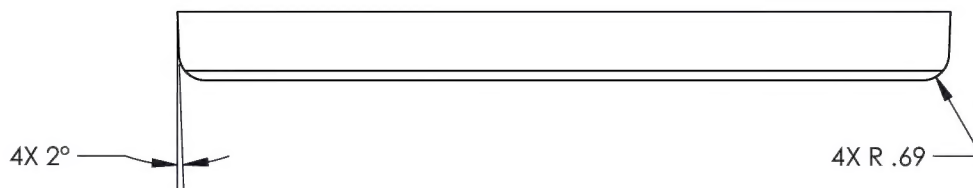
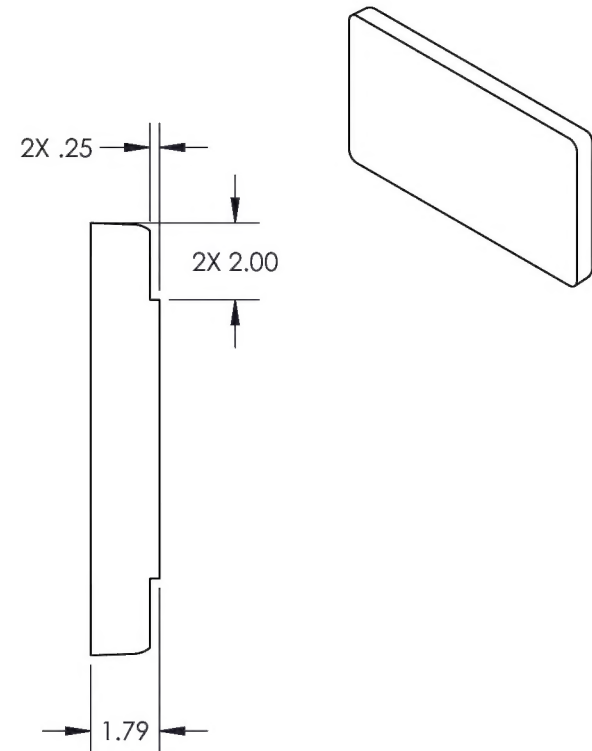
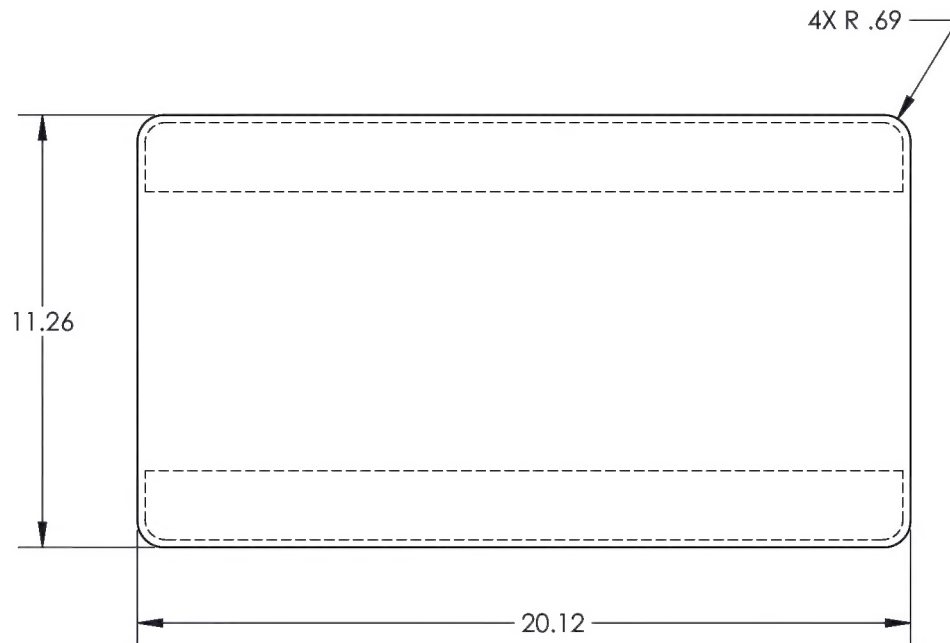
(-47)

BOTTOM TOOL CUSHION

DART AEROSPACE	
TITLE SWASHPLATE LIFT SLING	
DWG NO. RBW6205G06032-3G-47	REV 2
MAT'L Y-20, BLACK	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT
.XX ± .01	TREAT
.X ± .1	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AW139
SCALE 1:8	DATE 11/11/2011
SHEET 11 OF 13	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	15-0317	-49 ADDED DIMS 2X .25, 2X 2.00.	10/1/2015	DPD	JAG

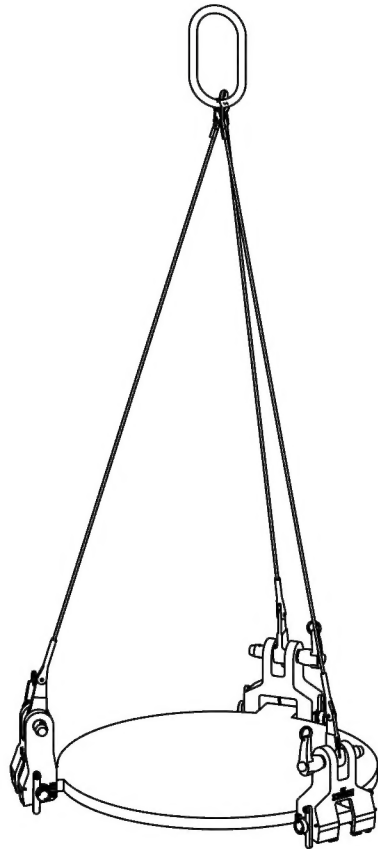


(-49)
TOP TOOL CUSHION

DART AEROSPACE	
TITLE SWASHPLATE LIFT SLING	
DWG NO. RBW6205G06032-3G-49	REV 2
MAT'L C200 FLAT, BLACK	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT
.XX ± .01 ANGLES ± .5°	TREAT
.X ± .1	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AW139
SCALE 1:5	DATE 11/11/2011
SHEET 12 OF 13	

INSPECTION & TESTING PROCEDURES FOR THE RBW6205G06032-3G SWASHPLATE LIFT SLING. THIS ASSEMBLY IS DESIGNED TO LIFT A SWASHPLATE. THIS ASSEMBLY SHOULD BE INSPECTED BEFORE EACH USE. REPLACE ANY ITEMS THAT ARE DAMAGED OR SUSPECTED OF DAMAGE BEFORE USING!

FIRST ARTICLE WEIGHT TEST



FIRST ARTICLE WEIGHT TEST

1. AFTER INSPECTION, ATTACH 3 SWASHPLATE LIFTING CLEVIS ASSEMBLIES TO AN APPROPRIATE FIXTURE, USE BALL LOCK PINS TO LOCK INTO FIXTURE. ATTACH MASTER LINK TO AN APPROPRIATE LIFTING DEVICE.
2. PLACE 245 LBS ON FIXTURE FOR AT LEAST 5 MINUTES, CONTINUALLY CHECKING FOR CRACKS, DEFLECTION, OR DISTORTION.
3. REMOVE WEIGHT AND RE-INSPECT SWASHPLATE LIFT SLING, CHECKING FOR STRESS CRACKS, BENDING, OR DISTORTIONS.

INSPECTOR: _____

TESTER: _____

S.N.: _____

DATE: _____



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1-800-556-4166
e-mail: sales@dartaero.com
dartaerospace.com

TITLE			
SWASHPLATE LIFT SLING			
DWG NO.	REV		
RBW6205G06032-3G	2	CUSTOMER 1 OF 1	
SCALE	DATE	SHEET	
1:8	11/10/2011	13	OF 13